L Number	Hits	Search Text	DB	Time stamp
1	5	"5523669"	USPAT	2004/10/13 16:05
-	154	381/107.ccls. and switch\$3 SAME control	USPAT	2004/05/11 13:25
-	0	381/107.ccls. and switch\$3 WITH control SAME pattern adj3 generat\$3	USPAT	2004/05/11 13:30
-	134	381/107.ccls. and switch\$3 WITH control	USPAT	2004/05/11 13:31
-	36	381/107.ccls. and switch\$3 WITH control SAME resist\$3	USPAT;	2004/05/11 13:34
ŀ		201/104	US-PGPUB	
-	11	381/104.ccls. and switch\$3 SAME transistors SAME resistor	USPAT;	2004/05/11 13:36
	.,	201/104 colo col desirabet CAME (consistent CAME cos')	US-PGPUB	2004/05/11 12 25
-	11	381/104.ccls. and switch\$3 SAME transistors SAME resistor	USPAT;	2004/05/11 13:37
			US-PGPUB;	
İ	10	381/107.ccls. and switch\$3 SAME transistors SAME resistor	EPO; JPO	2004/05/11 12:27
·	10	361/10/.ccis. and switches salvie italisistors salvie resistor	USPAT; US-PGPUB;	2004/05/11 13:37
			EPO; JPO	
_	1	JP08102990	USPAT;	2004/05/11 13:38
_		31 00102770	US-PGPUB;	2004/03/11 13.36
			EPO; JPO	
_	0	JP8102990	USPAT;	2004/05/11 13:38
]	<u> </u>	VI 0102//0	US-PGPUB;	2004/03/11 13.36
			EPO; JPO	
_	1	"08102990"	USPAT;	2004/05/11 13:43
1			US-PGPUB;	
			EPO; JPO	
-	1	"08139531"	USPAT;	2004/05/11 13:47
			US-PGPUB;	
			EPO; JPO	
-	2	"06054452"	USPAT;	2004/05/11 13:48
		· ·	US-PGPUB;	
			EPO; JPO	
-	0	"005523669"	USPAT;	2004/05/11 13:48
			US-PGPUB;	
	_	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	EPO; JPO	
-	1	"05523669"	USPAT;	2004/05/11 13:49
			US-PGPUB;	
	90	291/104 1071 dital- CANADital- CANAD	EPO; JPO	2004/05/11 12 51
-	. 90	381/104-107.ccls. and switch SAME resistor SAME control	USPAT;	2004/05/11 13:51
			US-PGPUB;	
_ 1	38	381/104-107.ccls. and switch WITH resistor WITH control	EPO; JPO	2004/05/11 12:51
-	36	381/104-107.ccis. and switch with resistor with control	USPAT; US-PGPUB;	2004/05/11 13:51
			EPO; JPO	
_	37	381/104-107.ccls. and switch WITH resistor WITH control	USPAT;	2004/05/11 13:54
	,		US-PGPUB	2007/03/11 13.34
-	45	381/104-109.ccls. and switch WITH resistor WITH control	USPAT;	2004/05/11 13:56
	-		US-PGPUB	
-	14	381/61.ccls. and switch WITH resistor WITH control	USPAT;	2004/05/11 13:56
ŀ			US-PGPUB	
-	9	381/94.5.ccls. and switch WITH resistor WITH control	US-PGPUB USPAT;	2004/05/11 13:58
-		381/94.5.ccls. and switch WITH resistor WITH control		2004/05/11 13:58
-	9	381/94.5.ccls. and switch WITH resistor WITH control 381/107.ccls. and switch WITH sound SAME pattern SAME generat\$3	USPAT;	2004/05/11 13:58 2004/05/11 13:59
-	0	381/107.ccls. and switch WITH sound SAME pattern SAME generat\$3	USPAT; US-PGPUB	2004/05/11 13:59
- -			USPAT; US-PGPUB USPAT; US-PGPUB USPAT;	2004/05/11 13:59
- - -	0	381/107.ccls. and switch WITH sound SAME pattern SAME generat\$3 381/109.ccls. and switch WITH sound SAME pattern SAME generat\$3	USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB	2004/05/11 13:59 2004/05/11 13:59
- - -	0	381/107.ccls. and switch WITH sound SAME pattern SAME generat\$3	USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT;	2004/05/11 13:59 2004/05/11 13:59
- - -	0 0 0	381/107.ccls. and switch WITH sound SAME pattern SAME generat\$3 381/109.ccls. and switch WITH sound SAME pattern SAME generat\$3 381/104.ccls. and switch WITH sound SAME pattern SAME generat\$3	USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB	2004/05/11 13:59 2004/05/11 13:59 2004/05/11 13:59
- - -	0	381/107.ccls. and switch WITH sound SAME pattern SAME generat\$3 381/109.ccls. and switch WITH sound SAME pattern SAME generat\$3	USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT;	2004/05/11 13:59 2004/05/11 13:59 2004/05/11 13:59
-	0 0 0	381/107.ccls. and switch WITH sound SAME pattern SAME generat\$3 381/109.ccls. and switch WITH sound SAME pattern SAME generat\$3 381/104.ccls. and switch WITH sound SAME pattern SAME generat\$3 381/104.ccls. and switch WITH comparator	USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB	2004/05/11 13:59 2004/05/11 13:59 2004/05/11 13:59 2004/05/11 14:14
- - -	0 0 0	381/107.ccls. and switch WITH sound SAME pattern SAME generat\$3 381/109.ccls. and switch WITH sound SAME pattern SAME generat\$3 381/104.ccls. and switch WITH sound SAME pattern SAME generat\$3	USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT;	2004/05/11 13:59 2004/05/11 13:59 2004/05/11 13:59 2004/05/11 14:14
- - -	0 0 0 10 24	381/107.ccls. and switch WITH sound SAME pattern SAME generat\$3 381/109.ccls. and switch WITH sound SAME pattern SAME generat\$3 381/104.ccls. and switch WITH sound SAME pattern SAME generat\$3 381/104.ccls. and switch WITH comparator 381/107.ccls. and switch WITH comparator	USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB	2004/05/11 13:59 2004/05/11 13:59 2004/05/11 13:59 2004/05/11 14:14 2004/05/11 14:10
- - -	0 0 0	381/107.ccls. and switch WITH sound SAME pattern SAME generat\$3 381/109.ccls. and switch WITH sound SAME pattern SAME generat\$3 381/104.ccls. and switch WITH sound SAME pattern SAME generat\$3 381/104.ccls. and switch WITH comparator	USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT;	2004/05/11 13:59 2004/05/11 13:59 2004/05/11 13:59 2004/05/11 14:14 2004/05/11 14:10
-	0 0 0 10 24	381/107.ccls. and switch WITH sound SAME pattern SAME generat\$3 381/109.ccls. and switch WITH sound SAME pattern SAME generat\$3 381/104.ccls. and switch WITH sound SAME pattern SAME generat\$3 381/104.ccls. and switch WITH comparator 381/107.ccls. and switch WITH comparator 381/109.ccls. and switch WITH comparator	USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB	2004/05/11 13:59 2004/05/11 13:59 2004/05/11 13:59 2004/05/11 14:14 2004/05/11 14:10 2004/05/11 14:10
- - -	0 0 0 10 24	381/107.ccls. and switch WITH sound SAME pattern SAME generat\$3 381/109.ccls. and switch WITH sound SAME pattern SAME generat\$3 381/104.ccls. and switch WITH sound SAME pattern SAME generat\$3 381/104.ccls. and switch WITH comparator 381/107.ccls. and switch WITH comparator	USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT;	

-	5	381/123.ccls. and switch\$3 SAME transistors SAME resistors	USPAT	2004/05/12 09:47
-	33	381/123.ccls. and switch\$3 SAME resistors	USPAT	2004/05/12 10:04
-	20	381/123.ccls. and switch\$3 WITH resistors	USPAT	2004/05/12 09:57
-	12	381/123.ccls. and switch\$3 SAME comparator	USPAT	2004/05/12 10:03
-	4	381/123.ccls. and switch\$3 SAME sound adj3 generat\$3	USPAT	2004/05/12 10:05
-	0	381/123.ccls. and switch\$3 SAME sound adj3 pattern adj3 generat\$3	USPAT	2004/05/12 10:05
-	0	381/\$.ccls. and switch\$3 SAME sound adj3 pattern adj3 generat\$3	USPAT	2004/05/12 10:05
-	0	381/111.ccls. and sound adj3 pattern adj3 generat\$3	USPAT	2004/05/12 10:06
-	16	381/115-117.ccls. and sound adj3 generat\$3	USPAT	2004/05/12 10:10
-	0	381/115-117.ccls. and pattern adj3 generat\$3	USPAT	2004/05/12 10:10
-	2	381/115-117.ccls. and (PWM or pulse adj3 width adj3 modulat\$3) SAME (loudspeaker or speaker) SAME switch\$3	USPAT	2004/05/12 10:14
-	1	381/104.ccls. and (PWM or pulse adj3 width adj3 modulat\$3) SAME (loudspeaker or speaker) SAME switch\$3	USPAT	2004/05/12 10:15
l _	0	381/107.ccls. and (PWM or pulse adj3 width adj3 modulat\$3) SAME	USPAT;	2004/05/12 10:15
		(loudspeaker or speaker) SAME switch\$3	US-PGPUB;	2004/03/12 10:13
	_		EPO; JPO	
-	1	381/123.ccls. and (PWM or pulse adj3 width adj3 modulat\$3) SAME	USPAT;	2004/05/12 10:16
		(loudspeaker or speaker) SAME switch\$3	US-PGPUB;	,
	6	381/115-117.ccls. and (PWM or pulse adj3 width adj3 modulat\$3)	EPO; JPO	2004/05/12 12:5
-	0	SAME (loudspeaker or speaker) SAME switch\$3	USPAT; US-PGPUB;	2004/05/12 10:17
		SAIVE (loudspeaker of speaker) SAIVE SWITCHES	-	
l <u>.</u>	2	381/61.ccls. and (PWM or pulse adj3 width adj3 modulat\$3) SAME	EPO; JPO USPAT;	2004/05/12 10:19
-		(loudspeaker or speaker) SAME switch\$3	US-PGPUB;	2004/03/12 10:19
1		(loudspeaker of speaker) SAIVIE SWITCHISS	EPO; JPO	
<u>-</u>	0	381/109.ccls. and (PWM or pulse adj3 width adj3 modulat\$3) SAME	USPAT;	2004/05/12 10:21
		(loudspeaker or speaker) SAME switch\$3	US-PGPUB;	2004/03/12 10.21
		(todaspeaker of speaker) of LVI2 switches	EPO; JPO	
-	49	330/251.ccls. and (PWM or pulse adj3 width adj3 modulat\$3) SAME	USPAT;	2004/05/12 10:30
		(loudspeaker or speaker) SAME switch\$3	US-PGPUB;	. 200 11 03712 10.50
		(EPO; JPO	
-	42	330/207A.ccls. and (PWM or pulse adj3 width adj3 modulat\$3) SAME	USPAT;	2004/05/12 10:27
	İ	(loudspeaker or speaker) SAME switch\$3	US-PGPUB;	
		,	EPO; JPO	
-	92	330/10.ccls. and (PWM or pulse adj3 width adj3 modulat\$3) SAME	USPAT;	2004/05/12 10:22
		(loudspeaker or speaker) SAME switch\$3	US-PGPUB;	
			EPO; JPO	
-	31	330/10.ccls. and (PWM or pulse adj3 width adj3 modulat\$3)WITH	USPAT;	2004/05/12 10:22
		(loudspeaker or speaker) WITH switch\$3	US-PGPUB;	
			EPO; JPO	
-	12	330/207A.ccls. and (PWM or pulse adj3 width adj3 modulat\$3) WITH	USPAT;	2004/05/12 10:27
		(loudspeaker or speaker) WITH switch\$3	US-PGPUB;	
	10	220/251 cele and (DWM)	EPO; JPO	2004/05/12
-	18	330/251.ccls. and (PWM or pulse adj3 width adj3 modulat\$3) WITH (loudspeaker or speaker) WITH switch\$3	USPAT;	2004/05/12 10:31
· .		(loudspeaker of speaker) with switches	US-PGPUB;	
_	13	330/251.ccls. and (PWM or pulse adj3 width adj3 modulat\$3) SAME	EPO; JPO USPAT;	2004/05/12 10:39
	13	switch\$3 SAME resistors	US-PGPUB;	2004/03/12 10:39
			EPO; JPO	
_	11	330/10 ccls. and (PWM or pulse adj3 width adj3 modulat\$3) WITH	USPAT;	2004/05/12 10:40
	•••	switch\$3 WITH resistors	US-PGPUB;	2004/03/12 10.40
			EPO; JPO	
-	4	330/207A.ccls. and (PWM or pulse adj3 width adj3 modulat\$3) WITH	USPAT;	2004/05/12 10:40
		switch\$3 WITH resistors	US-PGPUB;	
		• ,	EPO; JPO	
	59	381/107.ccls. and switch\$3 WITH volume	USPAT	2004/09/29 14:55
-	26	381/123.ccls. and switch\$3 WITH volume	USPAT	2004/09/29 14:56
-	4	381/123.ccls. and switch\$3 SAME resist\$3 WITH volume	USPAT;	2004/09/29 14:57
			US-PGPUB;	
			EPO; JPO	
-	62	381/104-109.ccls. and switch\$3 SAME resist\$3 WITH volume	USPAT;	2004/09/29 14:58
			US-PGPUB;	
			EPO; JPO	

-	19	381/104.ccls. and switch\$3 WITH resist\$3 WITH volume	USPAT;	2004/09/29 14:58
	·		US-PGPUB;	
	•		EPO; JPO	
-	184	381/107.ccls. and switch\$3	USPAT	2004/10/13 11:19
-	77	381/107.ccls. and switch\$3 SAME resist\$3	USPAT	2004/10/13 11:20
-	59	381/107.ccls. and switch\$3 WITH resist\$3	USPAT	2004/10/13 11:33
-	48	381/123.ccls. and switch\$3 WITH resist\$3	USPAT	2004/10/13 14:12
- .	0	381/107.ccls. and switch\$3 WITH resist\$3 SAME loudspeaker	EPO; JPO	2004/10/13 14:13
-	1	381/107.ccls. and switch\$3 SAME resist\$3 SAME loudspeaker	EPO; JPO	2004/10/13 14:13
-	4	381/107.ccls. and switch\$3 SAME resist\$3 SAME volume	EPO; JPO	2004/10/13 14:24
-	1. 7	381/104.ccls. and switch\$3 SAME resist\$3 SAME volume	EPO; JPO	2004/10/13 14:16
-	3	381/59.ccls. and switch\$3 SAME resist\$3 SAME volume	USPAT	2004/10/13 14:27
-	0	381/111.ccls. and switch\$3 SAME resist\$3 SAME volume	USPAT	2004/10/13 14:28
-	63	330/\$.ccls. and switch\$3 SAME resist\$3 SAME volume	USPAT	2004/10/13 14:28
-	20	330/\$.ccls. and switch\$3 WITH resist\$3 WITH volume	USPAT	2004/10/13 14:44
-	0	330/\$.ccls. and switch\$3 WITH resist\$3 WITH volume SAME signal	USPAT	2004/10/13 14:45
		adj3 generat\$3	,	
•	0	381/\$.ccls. and switch\$3 WITH resist\$3 WITH volume SAME signal	USPAT	2004/10/13 14:45
		adj3 generat\$3		
-	0	381/\$.ccls. and switch\$3 WITH resist\$3 WITH volume SAME (PWM or	USPAT	2004/10/13 14:46
		pulse adj3 width adj3 modulat\$3)		
-	0	330/\$.ccls. and switch\$3 WITH resist\$3 WITH volume SAME (PWM or	USPAT	2004/10/13 14:46
		pulse adj3 width adj3 modulat\$3)		
-	6	330/\$.ccls. and switch\$3 WITH volume SAME (PWM or pulse adj3	USPAT	2004/10/13 16:04
		width adj3 modulat\$3)		